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(71) Applicant and

(72) Inventor: LEE, Byung-su [KR/KR]; 48 Myeongnyundong, Wonju-si, Gangwon-do 220-040 (KR).

(74) Agent: L & K PATENT FIRM; 701, Daekun Bldg., 822-5 Yeoksam-Dong, Gangnam-Gu, Seoul 135-080 (KR).

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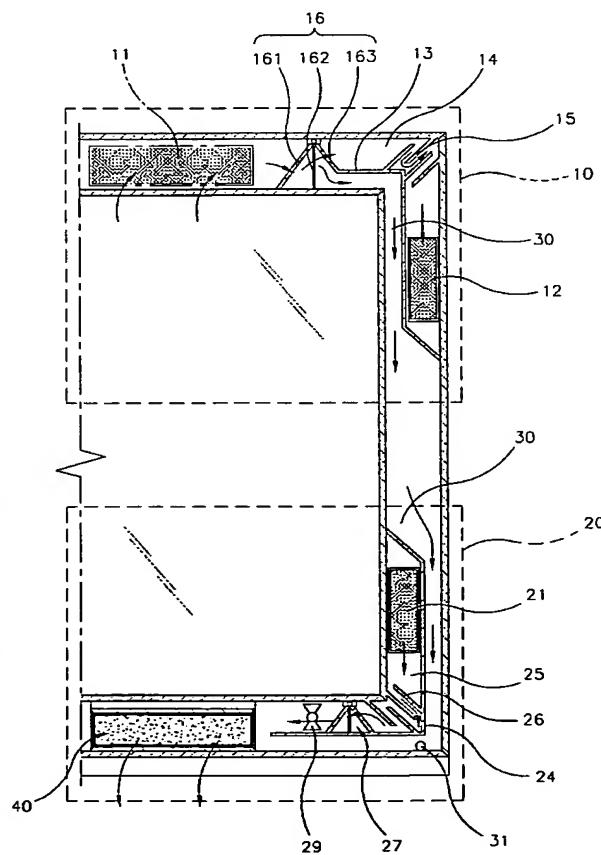
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(54) Title: AUTOMATIC AIR PURIFYING WINDOWS



(57) Abstract: An automatic air-purifying window automatically purifies polluted indoor air while exhibiting general inherent functions of the window. The automatic air-purifying window comprises a window and a window stile for fixing the window. The window stile comprises a discharge part, an induction part, and an indoor air circulation passageway. The discharge part includes an indoor air induction port, an upper guide member to guide air current induced from the indoor air induction port, and an indoor air discharge port to discharge some portion of the indoor air from the indoor air induction port to the outside. The induction part includes an outdoor air induction port, a lower guide member to guide air current induced from the outdoor air induction port, a purification cartridge, a light-transmission portion, and a purified air discharge port. With such a construction, polluted air within the room can be not only automatically purified, but also discharged to the outside without opening the window while purifying air induced from the outside, thereby maintaining fresh indoor air.



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